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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hong Jin, *et al.*

Confirmation No.: 7604

Serial No.: 09/724,416

Art Unit: 1648

Filed: November 28, 2000

Examiner: Lucas, Zachariah

For: **RECOMBINANT RSV EXPRESSION  
SYSTEMS AND VACCINES**

Attorney Docket 7682-052-999  
No:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.56 and §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 and §1.97 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to the references BY-DH listed on the attached revised form PTO 1449 entitled "List of References Cited by Applicant". Copies of listed references BY-DH are provided herewith.

Identification of the listed references are not to be construed as an admission by Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

As this Information Disclosure Statement is filed concurrently with a Request for Continued Examination under 37 C.F.R. § 1.114, no fee is believed to be due. Should any fee be required, however, please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150; a duplicate of this sheet is enclosed.

Respectfully submitted,

Date: July 25, 2003

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<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>					ATTY. DOCKET NO. 7682-052-999	APPLICATION NO. 09/724,416
					APPLICANT Hong Jin et al.	
					FILING DATE November 28, 2000	GROUP 1648

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BY	5,843,451	12/1/98	Compans et al.			
	BZ	6,060,308	5/9/00	Parrington			
	CA	6,168,943	1/2/01	Rose			

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CB	EP 0 440 219 ✓	8/7/91	EP				
	CC	WO 00/18929 ✓	4/6/00	PCT				
	CD	WO 00/53786 ✓	9/14/00	PCT				
	CE	WO 91/03552 ✓	3/21/91	PCT				
	DF	WO 93/06218 ✓	4/1/93	PCT				
	CG	WO 95/08634 ✓	3/30/95	PCT				
	CH	WO 96/10632 ✓	4/11/96	PCT				
	CI	WO 98/02179 ✓	1/22/98	PCT				
	CJ	WO 98/02530 ✓	1/22/98	PCT				
	CK	WO 99/57284 ✓	11/11/99	PCT				

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CL	Atreya, P. L. et al., 1998, J. Virol. 72:1452-1461 ✓
CM	Buchholz, U. J. et al., 1999, J Virol 73(1): 251-259 ✓
CN	Bukreyev et al. Recovery of infectious respiratory syncytial virus expressing an additional, foreign gene. J Virol. 1996 Oct;70(10):6634-41 ✓
CO	Coates, H.V. et al., 1965, AM. J. Epid. 83:299-313 ✓
CP	Collins et al. Support plasmids and support proteins required for recovery of recombinant respiratory syncytial virus. Virology. 1999 Jul 5;259(2):251-5 ✓
CQ	Crowe et al., 1995, Vaccine 13(4):415-421 ✓
CR	Elango, N. et al., 1989, J Virol 63(3):1413-5 ✓
CS	Firestone et al. Nucleotide sequence analysis of the respiratory syncytial virus subgroup A cold-passaged (cp) temperature sensitive (ts) cpts-248/404 live attenuated virus vaccine candidate. Virology. 1996 Nov 15;225(2):419-22 ✓
CT	Frillingos et al. Cys-scanning mutagenesis: a novel approach to structure function relationships in polytopic membrane proteins. FASEB J. 1998 Oct;12(13):1281-99. Review ✓

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	CU	Garcia et al., 1993, <i>Virology</i> 195:243-247
	CV	Grosfeld, H. et al., 1995, <i>J. Virol.</i> 69:5677-5686
	CW	Hardy et al. The Cys(3)-His(1) motif of the respiratory syncytial virus M2-1 protein is essential for protein function. <i>J Virol.</i> 2000 Jul;74(13):5880-5
	CX	Hardy, R. W. et al., 1998, <i>J. Virol.</i> 72, 520-526
	CY	Hiebert, S. W. et al., 1985, <i>J Virol</i> 55(3):744-51
	CZ	Howorka et al. Improved protocol for high-throughput cysteine scanning mutagenesis. <i>Biotechniques</i> . 1998 Nov;25(5):764-6, 768, 770 passim
	DA	Jin et al. Recombinant human respiratory syncytial virus (RSV) from cDNA and construction of subgroup A and B chimeric RSV. <i>Virology</i> . 1998 Nov 10;251(1):206-14
	DB	Jin, H. et al., 1997, <i>EMBO J.</i> 16(6):1236-47
	DC	Karron, R. A. et al., 1997, <i>J. Infect. Dis.</i> 176:1428-1436
	DD	Lodish et al. <i>Molecular Cell Biology</i> , Third Ed. <i>Scientific American Books</i> , 1995
	DE	Teng et al. Identification of the respiratory syncytial virus proteins required for formation and passage of helper-dependent infectious particles. <i>J Virol.</i> 1998 Jul;72(7):5707-16
	DF	Teng et al. Altered growth characteristics of recombinant respiratory syncytial viruses which do not produce NS2 protein. <i>J Virol.</i> 1999 Jan;73(1):466-73
	DG	Tolley et al. Identification of mutations contributing to the reduced virulence of a modified strain of respiratory syncytial virus. <i>Vaccine</i> . 1996 Dec;14(17-18):1637-46
	DH	Worthington et al., 1996, <i>Proc. Natl. Acad. Sci.</i> 93:13754-13759
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.